

# Alexander County ARPA Infrastructure Expansion Project Water Transmission Line Design and Construction

## Proposed Project Areas



*Note: proposed water lines shown in light blue;  
(\* ) denotes private road; all measurements are  
approximate*

*NC IPS# 20-08232021*

# Notes

It is anticipated that this project will be funded by American Rescue Plan Act funds allocated to Alexander County.

Those funds are being disbursed to the County in two tranches; tranche #1 has been received and tranche #2 is expected no earlier than June 2022. As a result, the project is being broken into two phases for design and construction.

# Phase I Proposed Areas

19,600 linear feet

## Area 1: Stan De La Dr. (SR1677), Gina Ln (SR1686), Dwayne Dr. (SR1687)



Replacement of existing lines due to numerous breaks (6" & 2")

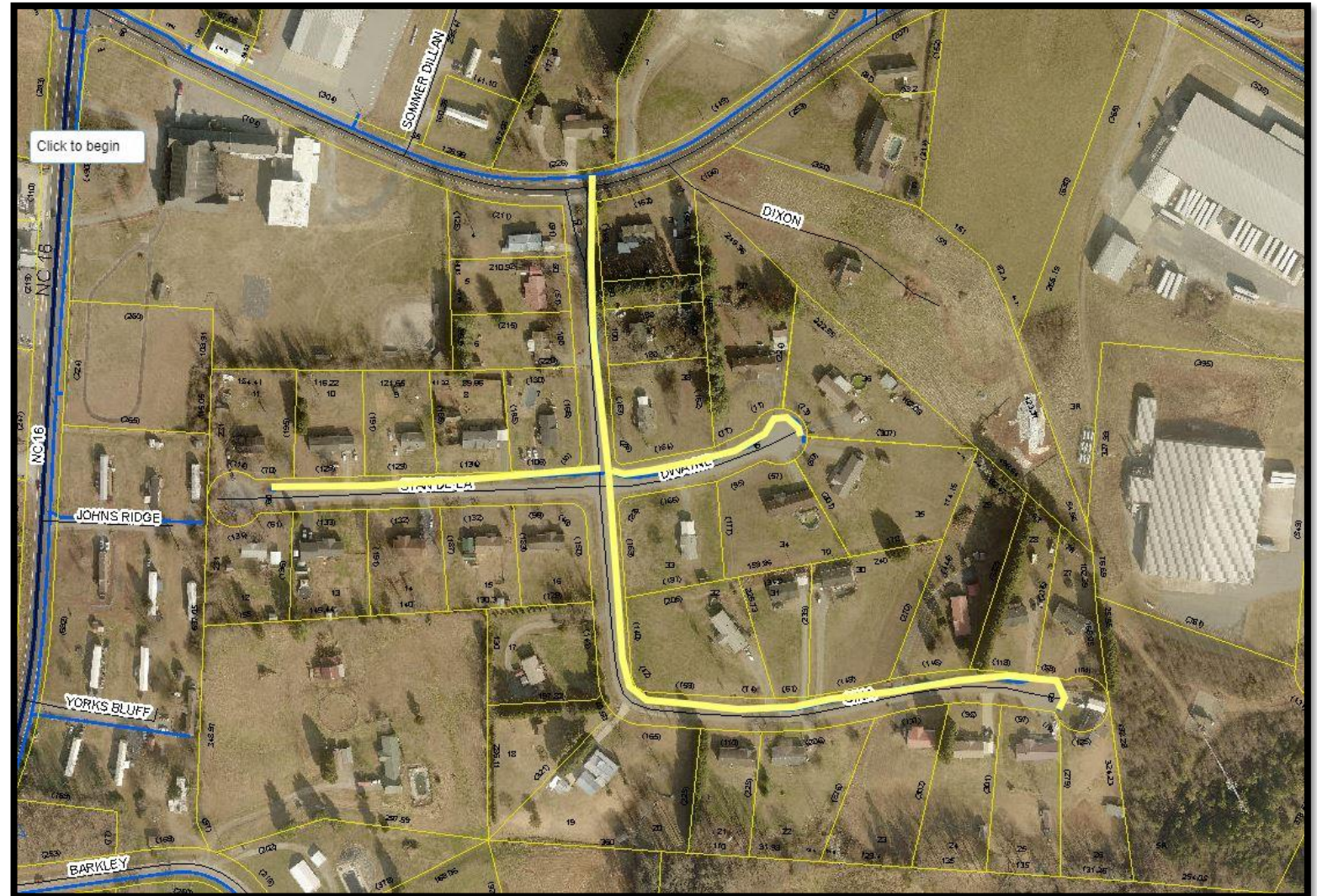
Currently the subdivision has 4" thin wall pipe installed

May need to replace existing hydrants as well

Approximately 2,900'

Potential Customers: N/A

-  Existing Water Lines
-  Proposed Water Lines





## Area 2: Bowman Ct (SR1209) / Twins Cove Rd (SR1299) / Greene St\*

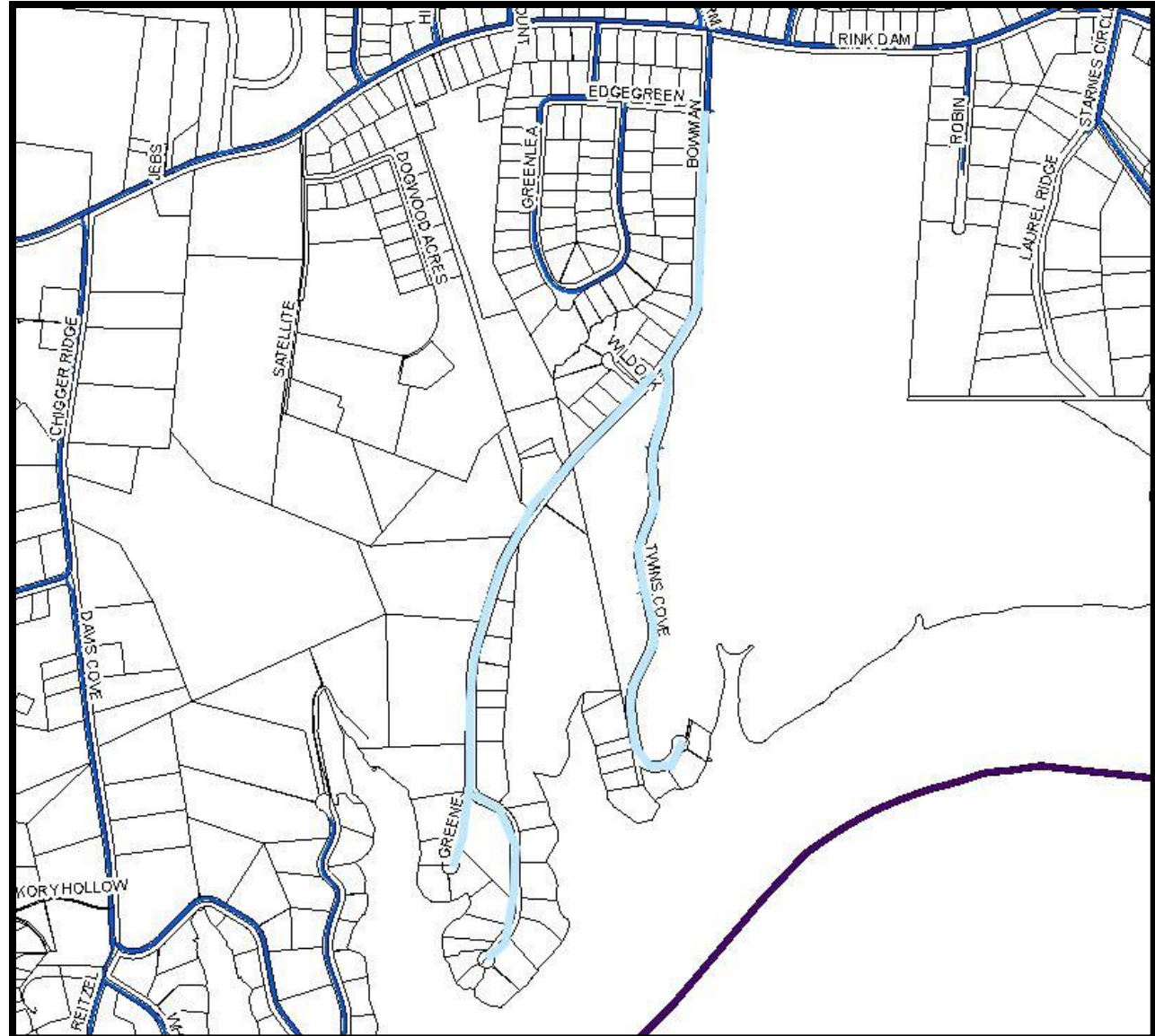
6" & 8" extension from Rink Dam Rd

Approximately 8,500'

Potential Customers: 40

Possible future land development

- Existing Water Lines
- Proposed Water Lines





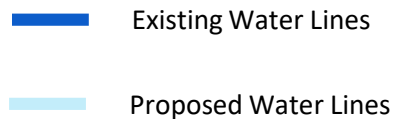
## Area 3: Caldwell Pond Rd (SR1165) to John Cline Rd (1164)

8" extension from Antioch Church Rd

Approximately 4,500'

Potential Customers:

- 15 residential
- 8 agricultural (poultry houses)





## Area 4: Jenkins-Moose Rd (SR1109)

6" & 8" extension

Approximately 3,700'

Potential Customers: 16

Tie-in with existing extension off US Hwy 64

- Existing Water Lines
- Proposed Water Lines





## Area 5: McAlpin Ln (SR1130)

8" extension

Approximately 1,100'

## Potential Customers:

- 15 Residential
- Agricultural (8 poultry houses)

Existing Water Lines

 Proposed Water Lines





# Phase II Proposed Areas

21,800 linear feet

# Area 6: Advent Church Rd (SR1160)

8" extension from Webb Price/Advent Church Rd intersection to Caldwell/Alexander County line

Approximately 2,000'

Potential Customers: 8

- Existing Water Lines
- Proposed Water Lines





# Area 7: Shepherd Ct (SR1264)

8" extension off Teague Town Rd

Approximately 2,500'

Potential Customers: 15

- Existing Water Lines
- Proposed Water Lines





# Area 8: Hefner Ln (SR1133)

6" extension off Church Rd

Approximately 2,650'

Potential Customers: 12

- Existing Water Lines
- Proposed Water Lines







## Area 9: Kirby Lackey Rd (SR1328) to Glass Rd (SR1329)

8" extension

Approximately 4,500'

Potential Customers: 6

Provides loop for existing lines along Kirby Lackey and Glass Rd to Little River Church Rd

-  Existing Water Lines
-  Proposed Water Lines





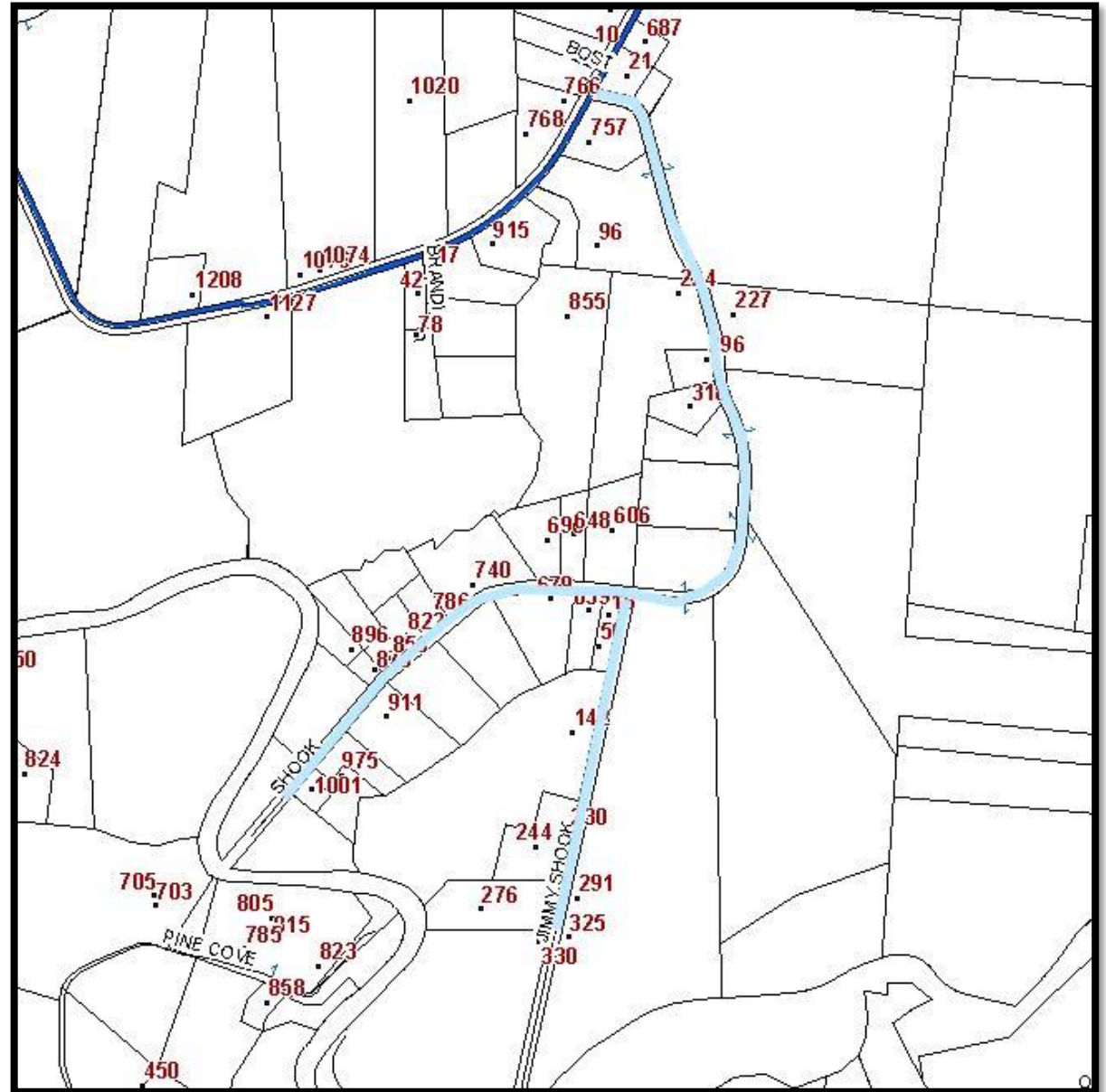
# Area 10: Shook Ln (SR1132) / Jimmy Shook Ln (SR1827)

8" extension from Alspaugh Dam Rd

Approximately 8,200'

Potential Customers: 20

- Existing Water Lines
- Proposed Water Lines





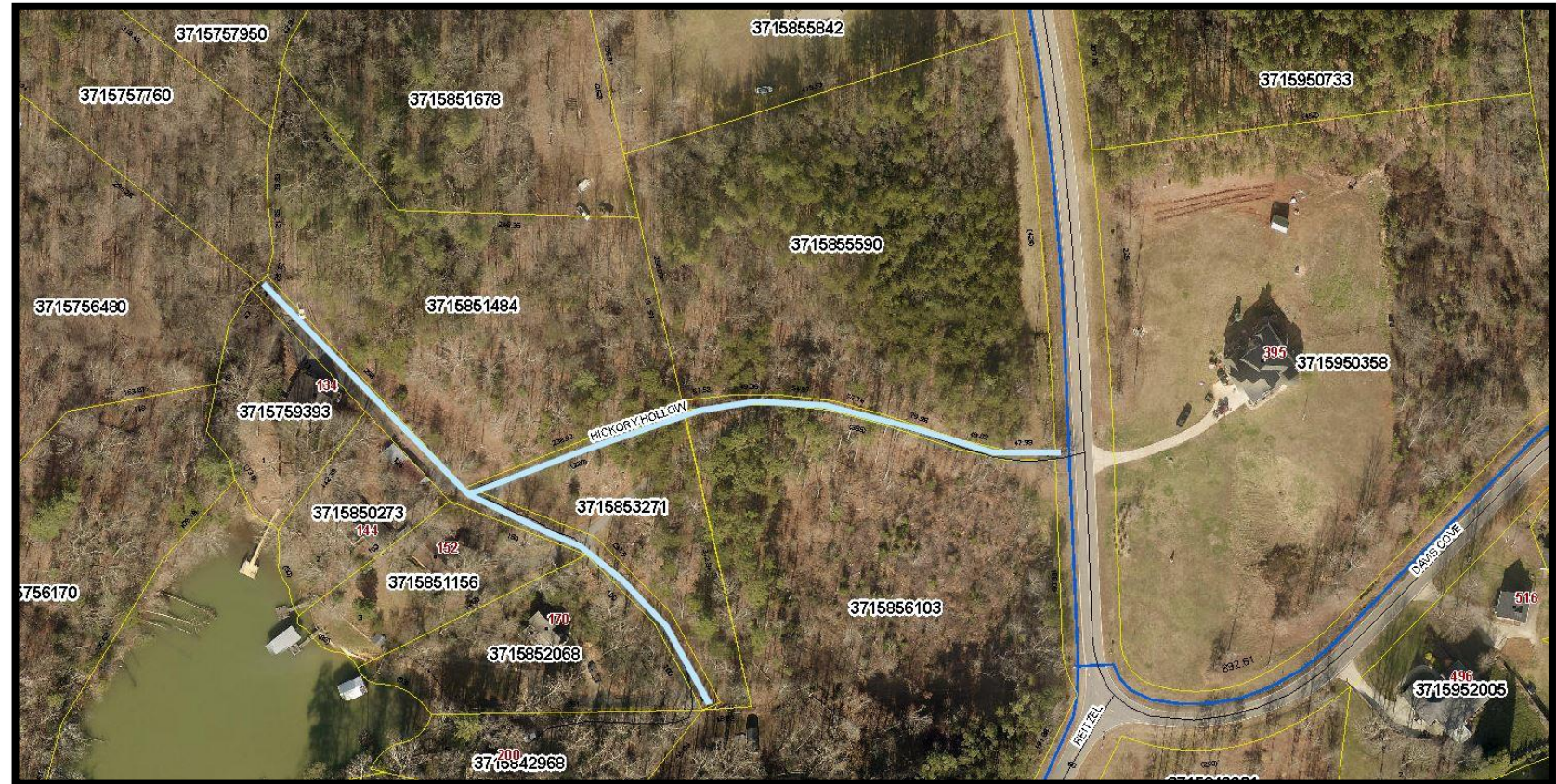
# Area 11: Hickory Hollow\*

2" or 6" extension off Davis Cove Rd

Approximately 650'

Potential Customers: 6

- Existing Water Lines
- Proposed Water Lines





## Area 12: Laurel Ridge Ln\*

## 6" extension off Starnes Circle

Approximately 1,300'

Potential Customers: 6

